

Converting Colors

YUV(43.3040, 2.3151, 4.1184)

Have a look what the booklet for
YUV(43.3040, 2.3151, 4.1184)
contains.

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Color

**YUV(43.3040, 2.3151,
4.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	302830
RGB	48, 40, 48
RGB Percent	19%, 16%, 19%
CMY	0.8118, 0.8431, 0.8118
CMYK	0.00, 0.17, 0.00, 0.81
HSL	300°, 9%, 17%
HSV	300°, 17%, 19%
XYZ	2.5112, 2.3594, 3.1194
YIQ	43.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

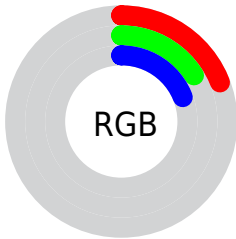
Format	Color
R_{YB}	48, 40, 48
Decimal	3156016
CIE _{Lab}	17.27, 5.51, -3.83
CIE _{LCh}	17, 6.716, 325.180
Yxy	2.3594, 0.3143, 0.2953
Android (android.graphics.Color)	4281346096 (0xFF302830)
YUV	43.3040, 2.3151, 4.1184
Hunter-Lab	15.3602, 2.3023, -1.2885

Details

The YUV color **43.3040, 2.3151, 4.1184** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.6960, -2.3151, -4.1184**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.7170, 2.6045, 4.6332**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.3690, 3.7621, 6.6924**, and if you desaturate by 10%, it is **46.2390, 0.8682, 1.5444**.

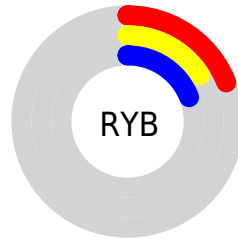
Distribution



Red (19%)

Green (16%)

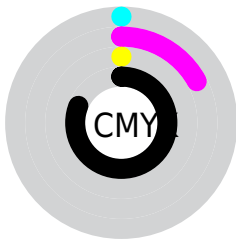
Blue (19%)



Red (19%)

Yellow (16%)

Blue (19%)

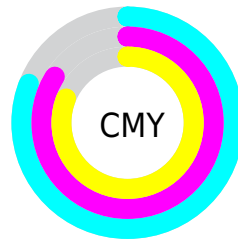


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (81%)



Cyan (81%)

Magenta (84%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.3040, 2.3151, 4.1184 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 43.3040, 2.3151, 4.1184 by changing the saturation by 10% instead.

■ 43.3040, 2.3151,
4.1184

■ 43.3040, 2.3151,
4.1184

■ 255.0000, 0.0000,
0.0000

■ 22.8910, 2.0257,
3.6036

■ 88.7170, 2.6045,
4.6332

■ 0.0000, 0.0000,
0.0000

■ 113.1300, 2.8939,
5.1480

■ 138.7170, 2.6045,
4.6332

■ 165.1300, 2.8939,
5.1480

■ 192.1300, 2.8939,
5.1480

■ 220.1300, 2.8939,

5.1480

248.5430, 3.1833,
5.6628

43.3040, 2.3151,
4.1184

43.3040, 2.3151,
4.1184

40.3690, 3.7621,
6.6924

46.2390, 0.8682,
1.5444

37.4340, 5.2090,
9.2664

49.1740, -0.5788,
-1.0296

35.0860, 6.3666,
11.3256

51.5220, -1.7363,
-3.0888

32.1510, 7.8136,
13.8996

54.4570, -3.1833,
-5.6628

29.2160, 9.2605,
16.4736

57.3920, -4.6303,
-8.2368

■ 26.2810, 10.7075,
19.0476

■ 60.3270, -6.0772,
-10.8108

■ 23.3460, 12.1544,
21.6216

■ 63.2620, -7.5242,
-13.3848

■ 20.9980, 13.3120,
23.6808

■ 65.6100, -8.6817,
-15.4440

■ 19.8240, 13.8908,
24.7104

■ 68.5450, -10.1287,
-18.0180

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.4390, 4.2206, -0.3850



43.3040, 2.3151, 4.1184



43.3430, -0.1691, 7.5922

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.3040, 2.3151, 4.1184



42.4690, -4.6682, 3.9737



40.6290, 2.6479, -9.3216

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.3040, 2.3151, 4.1184



44.6960, -2.3151, -4.1184

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.6570, 0.1691, -7.5922



43.3040, 2.3151, 4.1184



41.6750, -3.7838, 0.2850

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.3040, 2.3151, 4.1184



42.7190, -3.8055, 7.2624



41.3970, -2.1677, -4.7332



40.7970, 4.5371, -8.5920

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3040, 2.3151, 4.1184



43.3000, -1.6269, 8.5069



41.3970, -2.1677, -4.7332



40.5150, 2.2111, -9.2217

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.3040, 2.3151, 4.1184



59.2390, 0.8682, 1.5444



40.9120, 3.4944, -0.7998



29.8260, 0.5788, 1.0296



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3040, 2.3151, 4.1184



53.9560, 3.4727, 6.1776



42.8480, 0.5679, 4.5183



21.8260, 0.5788, 1.0296



35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.3040, 2.3151, 4.1184



53.9560, 3.4727, 6.1776



45.1520, -0.5679, -4.5183



21.8260, 0.5788, 1.0296



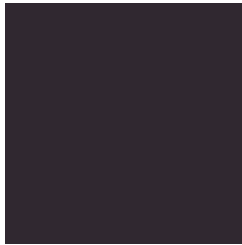
35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670

Previews

White Background



This preview shows how the YUV color 43.3040, 2.3151, 4.1184 looks on a white background.

Color Contrast Check

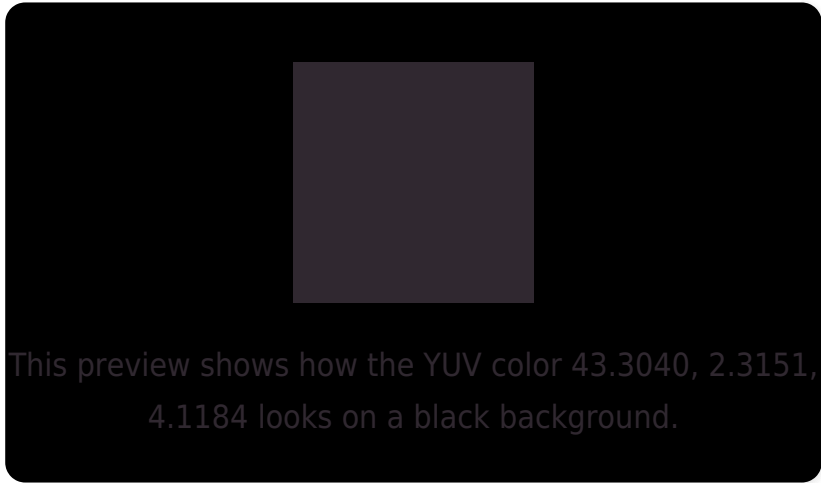
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

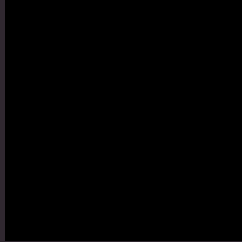
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 43.3040, 2.3151, 4.1184

Background



This preview shows how black text looks on a background with the YUV color 43.3040, 2.3151, 4.1184.



This preview shows how white text looks on a background with the YUV color 43.3040, 2.3151,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.3040, 2.3151, 4.1184

Protanopia

42.4990, 3.2050, -1.3146

Deuteranopia

42.6950, 2.6154, 1.1445



Tritanopia

43.1360, 0.4260, 3.3887

Trichromacy



Original Color

43.3040, 2.3151, 4.1184

Protanomaly

42.8090, 3.0522, 1.0445

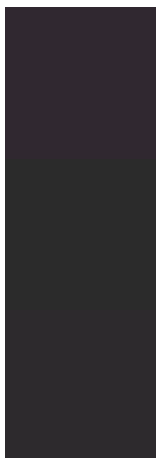
Deuteranomaly

42.9940, 2.4680, 1.7593

Tritanomaly

43.2500, 0.8628, 3.2887

Monochromacy



Original Color

43.3040, 2.3151, 4.1184

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2390, 0.8682, 1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3040, 2.3151, 4.1184 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(48, 40, 48)` looks like.

```
.text, #text, p{  
    color:rgb(48, 40, 48)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(48, 40, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 40, 48) }
```

Border

The CSS property to change the border of an element to YUV 43.3040, 2.3151, 4.1184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(48, 40, 48) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(48, 40, 48) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(48, 40, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 40, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 40, 48);  
box-shadow:4px 4px 4px 4px rgb(48, 40, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.3040, 2.3151, 4.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 40, 48) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(48, 40,  
48) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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